

LU 6096 (US)

**PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: )  
                                   )  
                           Alexander Köppl et al. )  
                                   )  
                           Serial No.: 10/551,676 )  
                                   )  
                           Filed: September 29, 2005 )  
                                   )  
                           For: PREPARATION OF POLYOLEFINS )  
                                   HAVING HIGH MOLECULAR )  
                                   WEIGHTS IN THE PRESENCE OF AN )  
                                   ORGANIC TRANSITION METAL )  
                                   COMPOUND IN A GAS-PHASE )  
                                   FLUIDIZED BED REACTOR )

Mail Stop Amendment  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

February 6, 2006INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is being filed before the first Office Action on the merits.

Documents cited in the application and in the International Search Report (copy enclosed) are included on Form PTO-1449. Copies of the non-U.S. patent applications and patents are enclosed. The following chart lists the documents in the German language along with the available counterpart in English. Additionally, these counterparts are reflected on Form PTO-1449.

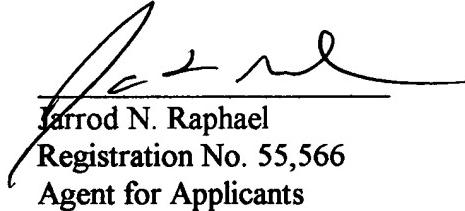
<b>Reference</b>	<b>Counterpart</b>
DE 42 41 530	N/A
DE 197 10 615	US 6,255,418
EP 226,935	US 4,764,056
EP 571,826	N/A
WO 98/40419	N/A
WO 99/06414	US 6,417,302
WO 00/05277	US 6,589,905; US 20030236164 & US 6,812,185

<b>Reference</b>	<b>Counterpart</b>
WO 00/31090	N/A
WO 01/09148	US 6,784,261 & US 20040214970

No payment is believed to be due; however, the Commissioner is hereby authorized to charge USPTO deposit account 08-2336 any payment due and to credit any overpayment thereto.

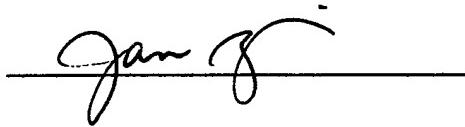
Respectfully submitted,  
**ALEXANDER KÖPPL ET AL.**

By:

  
Jarrod N. Raphael  
Registration No. 55,566  
Agent for Applicants

Basell USA Inc.  
912 Appleton Road  
Elkton, MD 21921  
Attorney's Telephone No.: 410-996-1750  
Attorney's Fax No.: 410-996-1560

I hereby certify that this correspondence is being deposited with sufficient postage thereon with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on February 6, 2006.

  
February 6, 2006

Date of Signature

Form PTO-1449

Document Number (optional)

LU 6096 (US)

Application Number

10/551,676

Applicant

Alexander Köppel et al.

Filing Date

September 29, 2005

GROUP ART UNIT

UNKNOWN

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

**U. S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 7 6 4 0 5 6	08/16/88	Zentgraf et al.	406	68	12/19/86
	5 0 7 7 3 5 8	12/31/91	Durand et al.	526	125	04/12/91
	6 2 5 5 4 1 8	07/03/01	Jolly et al.	526	160	07/18/97
	6 4 1 7 3 0 2	07/09/02	Bohnen	526	160	07/23/98
	6 5 8 9 9 0 5	07/08/03	Fischer et al.	502	300	07/13/99
	6 7 8 4 2 6 1	08/31/04	Schopf et al.	526	16	07/25/00
	6 8 1 2 1 8 5	11/02/04	Fischer et al.	502	120	07/30/03
2003	0 2 3 6 1 6 4	12/25/03	Fischer et al.	502	439	07/30/03
2004	0 2 1 4 9 7 0	10/28/04	Schopf et al.	526	159	04/22/04

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	4 2 4 1 5 3 0	06/16/94	DE	C08F	210/02		
1	9 7 1 0 6 1 5	09/17/98	DE	C08F	4/69		
	0 0 8 9 6 9 1	09/28/83	EP	B01J	8/24		
	0 2 2 6 9 3 5	07/01/87	EP	B01J	3/02		
	0 4 7 5 6 0 3	03/18/92	EP	C08F	10/00		

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

	J. Michl et al., Editor, <u>Chemical Reviews</u> , American Chemical Society, Publications Division, Vol. 100(4), p. 1167-1681 (2000)
	H. Brintzinger et al., "ansa-Metallocene derivatives, XVII. Racemic and <i>meso</i> diastereomers of group IV metallocene derivatives with symmetrically substituted, dimethylsilanediyl-bridged ligand frameworks. Crystal structure of R,S-Me <sub>2</sub> Si(3-t-Bu-5-MeC <sub>5</sub> H <sub>2</sub> ) <sub>2</sub> ZrCl <sub>2</sub> ," <u>Journal of Organometallic Chemistry</u> , Vol. 369, p. 359-370 (1989)

**EXAMINER****DATE CONSIDERED**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449		Document Number (optional) <b>LU 6096 (US)</b>	Application Number <b>10/551,676</b>				
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>		Applicant <b>Alexander Köppel et al.</b>					
		Filing Date <b>September 29, 2005</b>	GROUP ART UNIT <b>UNKNOWN</b>				
<b>U. S. PATENT DOCUMENTS</b>							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
0 5 7 1 8 2 6	12/01/93	EP	C08F	10/02			
0 6 9 2 5 0 0	01/17/96	EP	C08F	210/00			
9 1 0 9 8 8 2	07/11/91	WO	C08F	4/76			
9 6 0 0 2 4 3	01/04/96	WO	C08F	4/642			
9 7 3 6 9 3 7	10/09/97	WO	C08F	4/603			
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>							
	M. Brookhart et al., "Highly Active Iron and Cobalt Catalysts for the Polymerization of Ethylene," <u>J. Am. Chem. Soc.</u> , Vol. 120(16), p. 4049-4050 (1998)						
	V. C. Gibson et al., "Novel olefin polymerization catalysts based on iron and cobalt," <u>Chem. Comm.</u> , p. 849-850 (1998)						
	M. Enders et al., "8-Quinolylcyclopentadienyl, a Ligand with a Tailored Fit for Chelate Complexes," <u>Chem. Ber.</u> , Vol. 129, p. 459-463 (1996)						
<b>EXAMINER</b>			<b>DATE CONSIDERED</b>				

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